

L Number	Hits	Search Text	DB	Time stamp
-	3736	422/100	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:16
-	1	83/866-868	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:16
-	295	73/863.41	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:16
-	2316	(422/100).CCIS.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:16
-	482	(83/266-268).CCIS.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:16
-	0	("(tip or blade) near z-shaped").PN.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:17
-	147	(73/863.41).CCIS.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:17
-	36	(tip or blade) near z-shaped	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:38
-	46	(tip or blade) near (z near shaped)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:26
-	10	((tip or blade) near (z near shaped)) not ((tip or blade) near z-shaped)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:27

-	1385	(422/99).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:27
-	19	422/100 and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:38
-	0	((73/863.41).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:28
-	14	((422/100).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:29
-	1	((83/266-268).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:33
-	9	((422/99).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:30
-	449 13 4 632	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS. (tip or blade) near z-shaped (((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (piercer or penetrator or perforator or puncher) (73/864.21-864.25).CCLS.	USOCR USOCR USOCR USOCR	2003/03/20 14:21 2003/03/20 13:34 2003/03/20 13:38 2003/03/20 13:40
-	5	((73/864.21-864.25).CCLS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB	2003/03/20 13:56
-	75 0	(73/864.21-864.25).CCLS. ((73/864.21-864.25).CCLS.) and (piercer or penetrator or perforator or puncher)	USOCR USOCR	2003/03/20 13:40 2003/03/20 13:40
-	10	"2761560" "3435685" "3603458" "3878726").PN.	USPAT	2003/03/20 13:41

-	33	("1879820" "2189587" "2873850" "3138280" "3738527" "4015940" "4021124" "4094641" "4106907" "4221303" "4272478" "4624835" "4628036" "4758409" "4832916" "4873633" "4878597" "D310264" "4968486" "4982872" "4997691" "D318727" "5030421" "5038852" "5038958" "5150812" "5203470" "5236666" "D342028" "5310527" "5344036" "5344045" "5443791").PN.	USPAT	2003/03/20 13:41
-	0	6350412.URPN.	USPAT	2003/03/20 13:42
-	15	("3991627" "4387076" "4478095" "4713218" "4861553" "4928539" "4951512" "4962041" "5045286" "5240679" "5413000" "5455007" "5483843" "5517867" "5728954").PN.	USPAT	2003/03/20 13:42
-	0	6274087.URPN.	USPAT	2003/03/20 13:44
-	12	("2855929" "3991627" "4475411" "4478095" "4577514" "4662231" "4665758" "4721137" "4951512" "4962041" "5212992" "5728954").PN.	USPAT	2003/03/20 13:44
-	4	5935523.URPN.	USPAT	2003/03/20 13:45
-	101	block and (blade or tip) and trigger and actuator and lock\$3 and (gear near rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:48
-	490	(83/875).CCIS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 17:24
-	25	block and (blade or tip) and trigger and actuator and lock\$3 and (gear near rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 13:55
-	1	((83/875).CCIS.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:06
-	3716	g01n003/00.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:08
-	6	g01n003/00.ipc. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:18
-	9547	g01n001/00.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:08
-	7	g01n001/00.ipc. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/20 14:14

-	2779	(piercer or penetrator or perforator or puncher).ti.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:14
-	59	farren.in.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:18
-	0	beckmam.as.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:18
-	3259	beckman.as.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:22
-	0	beckman.as. and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:23
-	580	g0ln001/00.ipc. and (pierc\$3 or penetrat\$3 or perforat\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:21
-	3701	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:33
-	839	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (pierc\$3 or penetrat\$3 or perforat\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:24
-	107	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (pierc\$3 or penetrat\$3 or perforat\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:21
-	177	beckman.as. and (pierc\$3 or penetrat\$3 or perforat\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:22
-	1327	beckman adj (instruments or coulter).as.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:23

-	0	(beckman adj (instruments or coulter).as.) and (piercer or penetrator or perforator or puncher)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:23
-	122	(beckman adj (instruments or coulter).as.) and (pierc\$3 or penetrat\$3 or perforat\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:28
-	1786586	medical laboratory automation, inc.as.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:29
-	34	(medical adj laboratory adj automation).as.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:30
-	174	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:35
-	31	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth)	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:35
-	188	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth or (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 14:36
-	0	(tip or blade) near zigzag\$2	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 16:01
-	3	(tip or blade) near zigzag\$2	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 17:26
-	34	((422/99) or (422/100) or (83/866-868) or (73/863.41)).CCLS.) and (teeth or tooth or (gear adj rack))	USOCR	2003/03/20 14:45
-	2370	corkscrew	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 15:53
-	538	corkscrew.ti.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 17:04
-	2	("4580303" "4584911").PN.	USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM_TDB	2003/03/20 15:59
-	10	4759238.URPN.	USPAT	2003/03/20 16:00

-	0	(tip or blade) near (z adj cross-section)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:02
-	0	(perforat\$3 or punch\$3) near (z adj cross-section)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:03
-	846	(7/151-156).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 16:07
-	16 162	corkscrew.tl. (28/115).CCLS.	USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:05 2003/03/20 17:06
-	490	(83/875).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:24
-	208	(83/879).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:24
-	0	((83/879).CCLS.) and (z-shap\$2 or (z adj shape\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:25
-	20 83	(tip or blade) near zigzag\$3 (tip or blade) near zigzag\$3	USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:27 2003/03/20 17:28
-	14	villa-real.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:41
-	2361	needle and (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 10:50

-	926	needle with (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:43
-	58	needle near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:45
-	85	422/50-104.ccls. and (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:51
-	8 312	422/50-104.ccls. and (z-shap\$2 or (z adj shap\$2) or zigzag\$4) 73/\$.ccls. and (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USOCR USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:46 2003/03/20 17:56
-	181	600/\$.ccls. and (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:56
-	37	(600/\$.ccls. and (z-shap\$2 or (z adj shap\$2) or zigzag\$4)) and needle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/20 17:57
-	2081	cut\$4 with (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 10:52
-	345	cut\$4 near (z-shap\$2 or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:10
-	370	cut\$4 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:14
-	6	(cut\$4 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)) with (cap or lid or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 11:18
-	2	(cut\$4 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)) with (cap or lid or cover)	USOCR	2003/03/21 11:22

-	0	(stamp\$4 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)) with (cap or lid or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 11:23
-	0	(stamp\$4 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4)) with (cap or lid or cover)	USOCR	2003/03/21 13:47
-	0	(razor near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 13:47
-	0	(sword near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; USOCR	2003/03/21 13:49
-	0	(sword with (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 13:52
-	1	(razor near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 13:53
-	8	(razor with (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 13:56
-	4	(punch\$3 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 13:59
-	34	(punch\$3 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 14:02
-	4	(punch\$3 near (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USOCR	2003/03/21 14:03
-	76	(punch\$3 with (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/03/21 14:04
-	246	(punch\$3 with (z-shap\$2 or (z adj shap\$2) or zigzag\$4))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:38
-	2	200201179.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/03/21 18:38
-	0	gooddale.in.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:38

-	112	goodale.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:42
-	4	("3883305").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:42
-	0	("3883305").PN.) and spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:43
-	45	422/50-104.ccls. and (gear adj rack)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:49
-	9082	(422/50-104.ccls. and spring and teeth) and (422/50-104.ccls. and (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:48
-	4	(422/50-104.ccls. and spring and teeth) and (422/50-104.ccls. and (gear adj rack))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 18:48
-	68	422/50-104.ccls. and spring and teeth	USOCR	2003/03/21 18:49
-	6	422/50-104.ccls. and (gear adj rack)	USOCR	2003/03/21 18:49
-	2	(422/50-104.ccls. and spring and teeth) and (422/50-104.ccls. and (gear adj rack))	USOCR	2003/03/21 18:50
-	304	422/50-104.ccls. and spring and teeth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:30
-	68	422/50-104.ccls. and spring and teeth	USOCR	2003/03/21 19:27
-	2319	73/\$.ccls. and spring and teeth	USOCR	2003/03/21 19:27
-	657	73/\$.ccls. and (spring with teeth)	USOCR	2003/03/21 19:28
-	216	73/\$.ccls. and (spring with teeth)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:29
-	29	436/180.ccls. and spring and teeth	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/21 19:31
-	4	("4737344" "4785677" "5055263" "5055408").PN.	USPAT	2003/03/21 19:33